



SEQUENCE SUBMISSION

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SEQ ID NO: 1 is mouse 499E9 nucleic acid sequence. SEQ ID NO: 2 is mouse 499E9 amino acid sequence.

(1) GENERAL INFORMATION:

(i) APPLICANT: Gorman, Daniel M. Mattson, Jeanine D.

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(ii) TITLE OF INVENTION: Mammalian Cell Surface Antigens; Related Reagents

NUMBER OF SEQUENCES: 2

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- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: DNAX Research Institute
 - (B) STREET: 901 California Avenue
 - (C) CLTY: Palo Alto
 - (D) STATE: California
 - (E) COUNTRY: USA
 - (F) ZIP: \\24304-1104

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: \(\) BM PC compatible
 - (C) OPERATING SXSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

30 (vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: US
- (B) FILING DATE: 12-DEC-1997
- (C) CLASSIFICATION:

35 (vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: US 60/032,846
- (B) FILING DATE: 13-DEC-1996

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Ching, Edwin P.
 - (B) REGISTRATION NUMBER: 34,090
 - (C) REFERENCE/DOCKET NUMBER: DX0086

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (650)852-9196

(B) TELEFAX: (650)496-1200

(2) INFORMATION FOR SEQ ID NO:1:

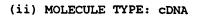
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 2191 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
- 55 (D) TOPOLOGY: linear

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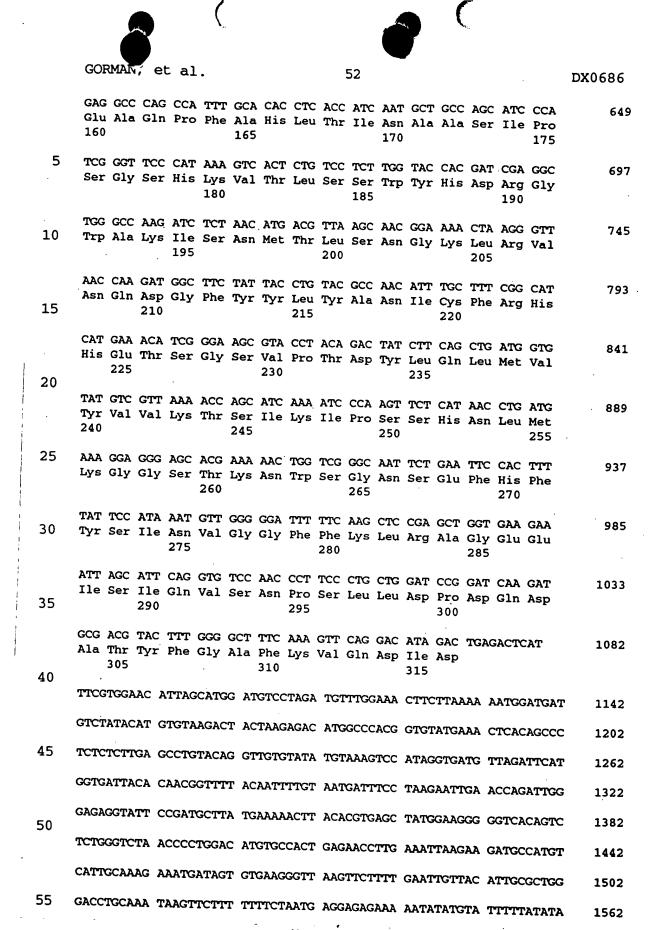


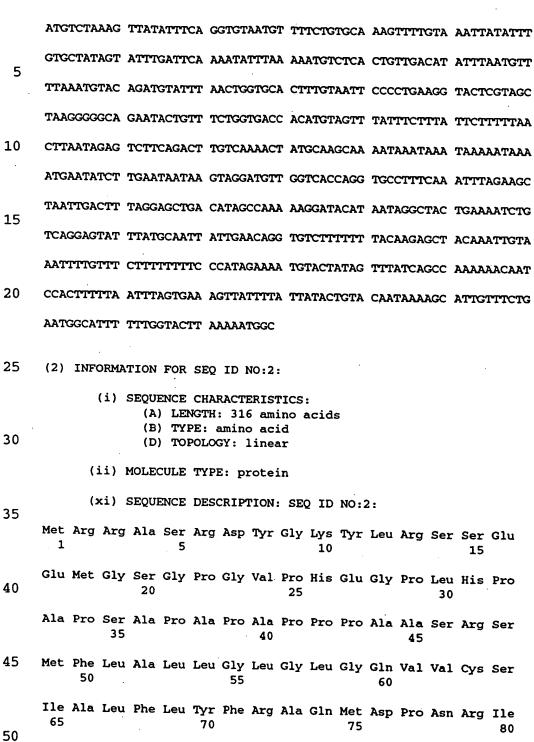


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(A) NAME/KEY: CDS
(B) LOCATION: 125..1072

10		(xi)	SEÇ	QUENC	CE DI	ESCRI	PTIC	on: s	SEQ 1	D NO):1:						
	GCC	AGGAC	CCT C	TGTC	SAACO	CG G1	rccc	GCGG	GGC	CCGC	CTG	GCCC	GGAC	STC 1	GCTC	cecce	60
1-	TGGGTGGCCG AGGAAGGAG AGAACGATCG CGGAGCAGGG CGCCCGAACT CCGGGCGCCG											120					
15	CGCC	Met					Arg					туг				TCG Ser 15	169
20						GGC Gly											217
25	CCC Pro	GCG Ala	CCT Pro	TCT Ser 35	GCA Ala	CCG Pro	GCT Ala	CCG Pro	GCG Ala 40	CCG Pro	CCA Pro	CCC Pro	GCC Ala	GCC Ala 45	TCC Ser	CGC Arg	265
30						CTC Leu											313
35						CTG Leu											361
	ATA Ile 80	TCA Ser	GAA Glu	GAC Asp	AGC Ser	ACT Thr 85	CAC His	TGC Cys	TTT Phe	TAT Tyr	AGA Arg 90	ATC Ile	CTG Leu	AGA Arg	CTC Leu	CAT His 95	409
40						CAG Gln					Glu						457
45	CCT Pro	GAC Asp	TCC Ser	TGC Cys 115	AGG Arg	AGG Arg	ATG Met	AAA Lys	CAA Gln 120	GCC Ala	TTT Phe	CAG Gln	GGG Gly	GCC Ala 125	GTG Val	CAG Gln	505
50									Pro							CCA Pro	553
	GCT Ala	ATG Met 145	ATG Met	GAA Glu	GGC Gly	TCA Ser	TGG Trp 150	TTG Leu	GAT Asp	GTG Val	GCC Ala	CAG Gln 155	Arg	GGC Gly	AAG Lys	CCT Pro	601

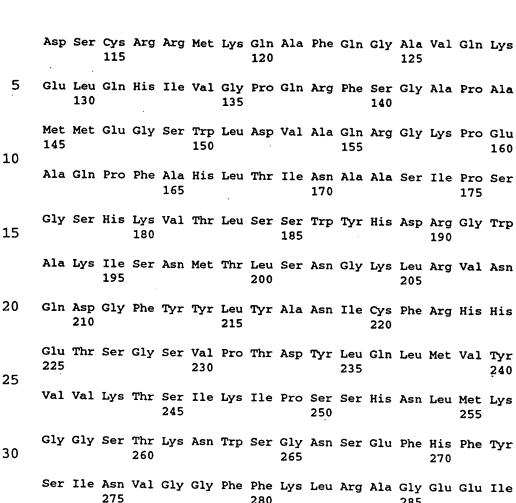




Ser Glu Asp Ser Thr His Cys Phe Tyr Arg Ile Leu Arg Leu His Glu

Asn Ala Gly Leu Gln Asp Ser Thr Leu Glu Ser Glu Asp Thr Leu Pro

GORMAN, et al.



Ser Ile Gln Val Ser Asn Pro Ser Leu Leu Asp Pro Asp Gln Asp Ala

Thr Tyr Phe Gly Ala Phe Lys Val Gln Asp Ile Asp 305 310 315

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